

Please type a plus sign (+) inside this box → [ + ]

PTO/SB/05 (08-00)  
Approved for use through 10/31/2002 OMB 0651-002  
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 7961M

First Inventor or Application Identifier

Jiping Wang et al.

Title

Method For The Use of Hydrophobic Blowing Systems In Textile

Express Mail Label No.

EE841943289US

## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status  
(see 37 CFR §1.27)
3. ☒ Specification Total Pages [27 + Abstract]  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 USC §113) Total Sheets [ ]
5. Oath or Declaration Total pages [2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 17 complete)
    - i. ☐ DELETION OF INVENTORS  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR §1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: .....

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in the preliminary amendment, or in an Application Data Sheet under 37 CFR §1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 1

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

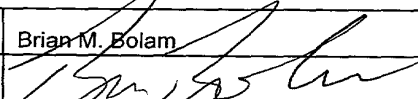
## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

Insert Customer No. or Attach bar code label here

or ☒ Correspondence address below

NAME	Brian M. Bolam				
ADDRESS	The Procter & Gamble Company Ivorydale Technical Center 5299 Spring Grove Avenue				
CITY	Cincinnati	STATE	Ohio	ZIP CODE	45217
COUNTRY	USA	TELEPHONE	513-627-7533	FAX	513-627-8118


Name (Print/Type)	Brian M. Bolam	Registration No. (Attorney)	37,513
Signature		Date	February 15, 2001

+ Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<b>FEE TRANSMITTAL</b> <b>for FY 2001</b> Patent fees are subject to annual revision.	<b>Complete if Known</b>	
	Application Number	NOT YET ASSIGNED
	Filing Date	February 15, 2001
	First Named Inventor	Jiping Wang et al.
	Examiner Name	NOT YET ASSIGNED
	Group/Art Unit	NOT YET ASSIGNED
TOTAL AMOUNT OF PAYMENT (\$) <b>1,024.00</b>		Attorney Docket No.. <b>7961M</b>

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																											
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <b>16-2480</b> Deposit Account Name <b>The Procter &amp; Gamble Company</b> <input checked="" type="checkbox"/> Charge Any Additional Fee <input type="checkbox"/> Applicant claims small entity status See 37 CFR §127 Required Under 37 C.F.R. §§1.16 and 1.17		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="checkbox"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><input type="checkbox"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><input type="checkbox"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td><input type="checkbox"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner's action</td><td><input type="checkbox"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner's action</td><td><input type="checkbox"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within 1<sup>st</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within 2<sup>nd</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within 3<sup>rd</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within 4<sup>th</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within 5<sup>th</sup> month</td><td><input type="checkbox"/></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td><input type="checkbox"/></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td><input type="checkbox"/></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td><input type="checkbox"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="checkbox"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td><input type="checkbox"/></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td><input type="checkbox"/></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td><input type="checkbox"/></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td><input type="checkbox"/></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td><input type="checkbox"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="checkbox"/></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td><input type="checkbox"/></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td><input type="checkbox"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="checkbox"/></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="checkbox"/></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR §1.129(b))</td><td><input type="checkbox"/></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td><input type="checkbox"/></td></tr> <tr><td>169</td><td>710</td><td>249</td><td>355</td><td>Request for expedited examination of a design application</td><td><input type="checkbox"/></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td><input type="checkbox"/></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td><input type="checkbox"/></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	<input type="checkbox"/>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="checkbox"/>	139	130	139	130	Non-English specification	<input type="checkbox"/>	147	2,520	147	2,520	For filing a request for ex parte reexamination	<input type="checkbox"/>	112	920*	112	920*	Requesting publication of SIR prior to Examiner's action	<input type="checkbox"/>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner's action	<input type="checkbox"/>	115	110	215	55	Extension for reply within 1 <sup>st</sup> month	<input type="checkbox"/>	116	390	216	195	Extension for reply within 2 <sup>nd</sup> month	<input type="checkbox"/>	117	890	217	445	Extension for reply within 3 <sup>rd</sup> month	<input type="checkbox"/>	118	1,390	218	695	Extension for reply within 4 <sup>th</sup> month	<input type="checkbox"/>	128	1,890	228	945	Extension for reply within 5 <sup>th</sup> month	<input type="checkbox"/>	119	310	219	155	Notice of Appeal	<input type="checkbox"/>	120	310	220	155	Filing a brief in support of an appeal	<input type="checkbox"/>	121	270	221	135	Request for oral hearing	<input type="checkbox"/>	138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="checkbox"/>	140	110	240	55	Petition to revive - unavoidable	<input type="checkbox"/>	141	1,240	241	620	Petition to revive - unintentional	<input type="checkbox"/>	142	1,240	242	620	Utility issue fee (or reissue)	<input type="checkbox"/>	143	440	243	220	Design issue fee	<input type="checkbox"/>	144	600	244	300	Plant issue fee	<input type="checkbox"/>	122	130	122	130	Petitions to the Commissioner	<input type="checkbox"/>	123	50	123	50	Petitions related to provisional applications	<input type="checkbox"/>	126	240	126	240	Submission of IDS	<input type="checkbox"/>	581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="checkbox"/>	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="checkbox"/>	149	710	249	355	For each additional invention to be examined (37 CFR §1.129(b))	<input type="checkbox"/>	179	710	279	355	Request for Continued Examination (RCE)	<input type="checkbox"/>	169	710	249	355	Request for expedited examination of a design application	<input type="checkbox"/>	Other fee (specify) _____					<input type="checkbox"/>	Other fee (specify) _____					<input type="checkbox"/>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath	<input type="checkbox"/>																																																																																																																																																																																								
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="checkbox"/>																																																																																																																																																																																								
139	130	139	130	Non-English specification	<input type="checkbox"/>																																																																																																																																																																																								
147	2,520	147	2,520	For filing a request for ex parte reexamination	<input type="checkbox"/>																																																																																																																																																																																								
112	920*	112	920*	Requesting publication of SIR prior to Examiner's action	<input type="checkbox"/>																																																																																																																																																																																								
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner's action	<input type="checkbox"/>																																																																																																																																																																																								
115	110	215	55	Extension for reply within 1 <sup>st</sup> month	<input type="checkbox"/>																																																																																																																																																																																								
116	390	216	195	Extension for reply within 2 <sup>nd</sup> month	<input type="checkbox"/>																																																																																																																																																																																								
117	890	217	445	Extension for reply within 3 <sup>rd</sup> month	<input type="checkbox"/>																																																																																																																																																																																								
118	1,390	218	695	Extension for reply within 4 <sup>th</sup> month	<input type="checkbox"/>																																																																																																																																																																																								
128	1,890	228	945	Extension for reply within 5 <sup>th</sup> month	<input type="checkbox"/>																																																																																																																																																																																								
119	310	219	155	Notice of Appeal	<input type="checkbox"/>																																																																																																																																																																																								
120	310	220	155	Filing a brief in support of an appeal	<input type="checkbox"/>																																																																																																																																																																																								
121	270	221	135	Request for oral hearing	<input type="checkbox"/>																																																																																																																																																																																								
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="checkbox"/>																																																																																																																																																																																								
140	110	240	55	Petition to revive - unavoidable	<input type="checkbox"/>																																																																																																																																																																																								
141	1,240	241	620	Petition to revive - unintentional	<input type="checkbox"/>																																																																																																																																																																																								
142	1,240	242	620	Utility issue fee (or reissue)	<input type="checkbox"/>																																																																																																																																																																																								
143	440	243	220	Design issue fee	<input type="checkbox"/>																																																																																																																																																																																								
144	600	244	300	Plant issue fee	<input type="checkbox"/>																																																																																																																																																																																								
122	130	122	130	Petitions to the Commissioner	<input type="checkbox"/>																																																																																																																																																																																								
123	50	123	50	Petitions related to provisional applications	<input type="checkbox"/>																																																																																																																																																																																								
126	240	126	240	Submission of IDS	<input type="checkbox"/>																																																																																																																																																																																								
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="checkbox"/>																																																																																																																																																																																								
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="checkbox"/>																																																																																																																																																																																								
149	710	249	355	For each additional invention to be examined (37 CFR §1.129(b))	<input type="checkbox"/>																																																																																																																																																																																								
179	710	279	355	Request for Continued Examination (RCE)	<input type="checkbox"/>																																																																																																																																																																																								
169	710	249	355	Request for expedited examination of a design application	<input type="checkbox"/>																																																																																																																																																																																								
Other fee (specify) _____					<input type="checkbox"/>																																																																																																																																																																																								
Other fee (specify) _____					<input type="checkbox"/>																																																																																																																																																																																								
<b>2. <input type="checkbox"/> Payment Enclosed:</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																																													
<b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>[710]</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td><input type="checkbox"/></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td><input type="checkbox"/></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td><input type="checkbox"/></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td><input type="checkbox"/></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$)[710]</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	[710]	106	320	206	160	Design filing fee	<input type="checkbox"/>	107	490	207	245	Plant filing fee	<input type="checkbox"/>	108	710	208	355	Reissue filing fee	<input type="checkbox"/>	114	150	214	75	Provisional filing fee	<input type="checkbox"/>	<b>SUBTOTAL (1)</b>					<b>(\$)[710]</b>																																																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																								
101	710	201	355	Utility filing fee	[710]																																																																																																																																																																																								
106	320	206	160	Design filing fee	<input type="checkbox"/>																																																																																																																																																																																								
107	490	207	245	Plant filing fee	<input type="checkbox"/>																																																																																																																																																																																								
108	710	208	355	Reissue filing fee	<input type="checkbox"/>																																																																																																																																																																																								
114	150	214	75	Provisional filing fee	<input type="checkbox"/>																																																																																																																																																																																								
<b>SUBTOTAL (1)</b>					<b>(\$)[710]</b>																																																																																																																																																																																								
<b>2. EXTRA CLAIM FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$)[314]</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$)[314]</b>																																																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																								
103	18	203	9	Claims in excess of 20																																																																																																																																																																																									
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																									
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																									
109	80	209	40	**Reissue independent claims over original patent																																																																																																																																																																																									
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																									
<b>SUBTOTAL (2)</b>					<b>(\$)[314]</b>																																																																																																																																																																																								
<b>3. TOTAL FEE</b> Total Claims [33] - 20** = [13] x [18] = [234] Independent Claims [4] - 3** = [1] x [80] = [80] Multiple Dependent [ ] = [ ] or number previously paid, if greater; For Reissues, see below		Fee From Extra Claims Below Fee Paid [234] [80] [ ] <b>SUBTOTAL (3)</b> (\$) <input type="checkbox"/>																																																																																																																																																																																											

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	<b>Brian M. Bolam</b>	Registration No. (Attorney/Agent)	<b>37,513</b>
Signature		Telephone	<b>(513) 627-7533</b>
		Date	<b>February 15, 2001</b>

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.